

## OPTICAL SCANNER HAVING ENHANCED ITEM SIDE COVERAGE

### Abstract of the Disclosure

An optical scanner having enhanced item side coverage which scans all six sides of an item and an intermediate side. The optical scanner includes a scanner housing, a first optics assembly within the scanner housing including a horizontal aperture, and a second optics assembly including a second housing within the scanner housing including a substantially vertical aperture. The first and second optics assemblies are capable of scanning six sides of an item. At least one of the first and second optics assemblies additionally generates third scan lines for scanning an intermediate side of the item.